

The Oredigger

COLORADO SCHOOL OF MINES

Volume 32

GOLDEN, COLORADO, TUESDAY, OCTOBER 2, 1951

Number 3

New Station Site Needed Before KCSM Can Operate

Plans for Mines radio hookup station KCSM, have been made for the 1951-52 broadcasting year. Included in these pre-operational plans are the changing of the transmitting and broadcasting location and the revising of the radio programming.

Lack of room and unsatisfactory sound insulation are responsible for the need of a new broadcasting and transmission site. The plans for changing the station location have been presented to Pres. Vanderwilt and the Board of Directors. They are now working on location of a suitable room for the station.

So far, KCSM has investigated four locations, two possible rooms in the chemistry building, a possibility of a room in the same building as the planning and development department, and a trailer set up which would be centrally located between the field house and the publications building. According to Dick Johnson, engineer of KCSM, the preference up to now for the station's location is a trailer that would be obtained from Brooks field Johnson said that no matter where the station is located, broadcasting of KCSM should commence in at least three weeks.

KCSM's old location in the gymnasium was far too small for proper handling of a station of its calibre. The station has some of the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

With the use of the tape recorder, important events around Mines may be recorded and transmitted over KCSM at a later date. This year the radio men plan to make full use of the recorder in broadcasting sport events away from home.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Plans this year also include a training program set up by the KCSM staff for its announcers and broadcasters. This year a monitor system will be set up with one man responsible for the opening, closing, and operation of the station each night of broadcast. This man will be in charge of all the announcers on their hourly broadcasts, he will help the newcomers become acquainted with the policies of the station, and will help them set up their nightly programs.

The sports broadcasters have been offered special training by

the finest transmitting equipment along with a tape recorder, and a collection of over 2000 records. KCSM director, George Schenck, said that as soon as room is available for the storage of records, the Denver radio stations will contribute to the Mines station's record supply. All speeds on records may be transmitted as the station has a multi-speed turntable.

Competition Will Start For Homecoming Queen

Miners, your sweetheart, sister, or wife could be this year's Homecoming queen! The annual Homecoming Queen contest, sponsored by Sigma Gamma Epsilon, honorary engineering fraternity, is now underway! The rules of the contest, which follow, are simple:

1. To be eligible for the contest, a prospective queen must be the wife, date, or sister of a Miner.

2. Entrants must be present at the rally the night before the Homecoming football game, and must also be present at the game the following day. The Homecoming queen will reign over the entire celebration, and will lead the Homecoming parade in a convertible provided for her.

October 20 Deadline

Pictures of the entries, whether portraits or snapshots, may be given to Mrs. Childers in Dean Signer's office, located in Guggenheim hall. The name of the entry, and the name and address of the owner of the picture, should be printed lightly on the back, and all pictures will be returned unharmed after the contest. The deadline for entering photos is 12 noon Saturday, Oct. 20, so hurry and get that picture in.

A committee of judges, consisting of three faculty members and three members of Sigma Gamma Epsilon will narrow the competition down to six beauties. These will be notified of their selection, and asked to appear at the Homecoming rally.

Pictures of the six finalists will be printed in **The Oredigger** on the Tuesday before Homecoming to allow the interested (naturally) Miners to drool a little, before seeing the lovelies in person. At the Homecoming rally, the candidates will be viewed by the Miners present, and during the rally, ballots will be circulated.

Wednesday afternoon at 2:15 p.m. Prospector photographing will begin in room 273 of the mining building. About 400 students have signed the appointment sheets, and to remind the students of their appointment times, postcards will be sent a day or two in advance.

The appointment books will be at the photo studio in the mining building so that students who have not signed for their portraits may have the opportunity to do so on Wednesday, Thursday, and Friday.

Students are requested to wear suits and ties for their pictures. They are also reminded to be on time, for promptness will be necessary to assure the smooth running of the close photography schedule.

All students who have not signed the appointment sheet by Friday afternoon will be given a sitting time arbitrarily by the Prospector staff.

LeRoy Spends Season As Venezuelan Consultant

Dr. L. W. LeRoy, associate professor of geology, spent the summer as a consultant for the Socony-Vacuum Oil company of Venezuela. The work involved stratigraphic investigations of the eastern part of the country.

Professor LeRoy gave a dissertation on subsurface geology to the Asociacion Venezolana de Geologic, Minería, y Petroleos group in Caracas.

New data, obtained through the courtesy of Socony-Vacuum will be introduced this year into the subsurface geology course.

In the near future, Dr. LeRoy will present a series of colored slides of eastern Venezuela—its oil fields, mountains, rivers, and plains.

genheim hall. The name of the entry, and the name and address of the owner of the picture, should be printed lightly on the back, and all pictures will be returned unharmed after the contest. The deadline for entering photos is 12 noon Saturday, Oct. 20, so hurry and get that picture in.

A committee of judges, consisting of three faculty members and three members of Sigma Gamma Epsilon will narrow the competition down to six beauties. These will be notified of their selection, and asked to appear at the Homecoming rally.

Pictures of the six finalists will be printed in **The Oredigger** on the Tuesday before Homecoming to allow the interested (naturally) Miners to drool a little, before seeing the lovelies in person. At the Homecoming rally, the candidates will be viewed by the Miners present, and during the rally, ballots will be circulated.

(Continued on page 9)

Council Discusses Student Business

A meeting of the Student council was held Wednesday, September 26. In the business considered by the group was a measure to limit the time lapse during which medical-cost claims may be placed. It was decided that claims for health plan refunds would be received for 30 days after being incurred. After this time no refunds will be made.

Discussion of the Crain case was heard. It was reported that nearly \$8000 settlement will be paid to the student body.

The International council, replacing the Cosmopolitan club this year to assist foreign students, was appropriated \$50.

Mr. G. D. Wimpers, assistant to the president, suggested to the council, the organization of a "Dad's day" at the school. The proposal was discussed and the council decided that the last home football game would be the best time for such a celebration.

Loan Committee Meets First and Third Thursdays

Meeting days for the Blue Key loan committee have been rescheduled to the first and third Thursdays of each month.

Applications for loans are available from Mr. Burger's office, from Harry Kent at 500 Illinois street, or from Wallace McGregor at the SPE house.

BLASTER BULLETINS

Tuesday, October 2—

Oredigger assignments, 3:30 p.m., Publications building.

Band, 4:20 p.m., room 286, in physics building.

Blue Key, 7:30 p.m., room E-113, of Berthoud.

Wednesday, October 3—

Prospector photos, 2:15 p.m., room 273, Mining building.

Sig Gam, 7 p.m., room 154, Berthoud.

Glee club, 4:10 p.m., Guggenheim.

Student council, 4:15 p.m., seminar room, Berthoud.

Pershing rifles, 7 p.m., armory.

Thursday, October 4—

Mountain club, 4:20 p.m., Armory.

Band, 4:20 p.m., room 286, in physics building.

Rally, 7 p.m., Field house.

Friday, October 5—

Football, Western State at Golden, 8 p.m.

Saturday, October 6—

"B" squad football, Aggies at Golden, 2 p.m.

Tau Beta Pi Pledges Sixteen Miners For Scholastic Achievement Recognition

by Howard Silver

Sixteen seniors and two juniors have been pledged to Tau Beta Pi, national honorary fraternity, for the fall semester, it was announced by Charles McCollough, president.

James Huff, junior in geophysics, was named King Tau Beta by the fraternity. Leon Borgman, also a junior in geophysics, was the other honored junior elected.

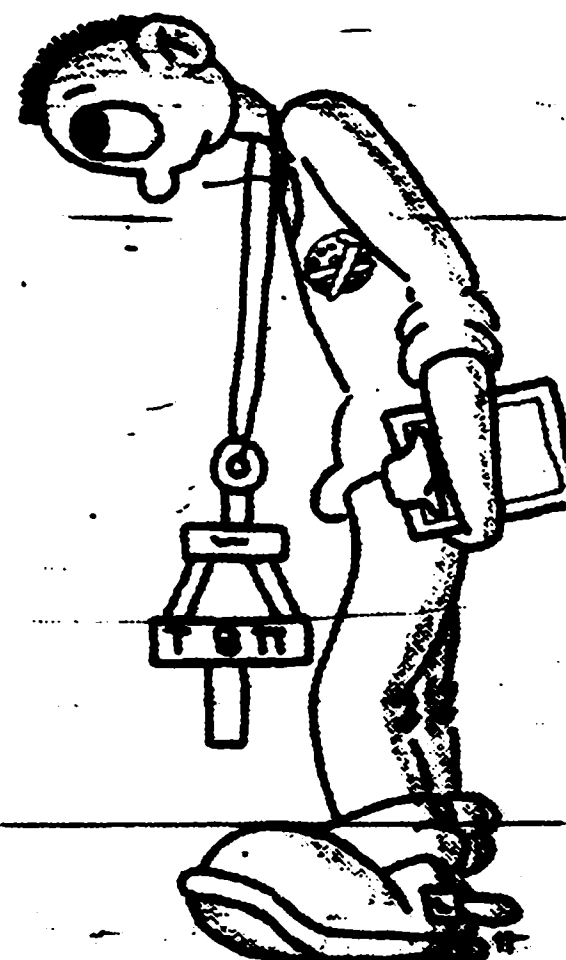
Seniors pledged to Tau Beta Pi are Ralph Anderson, refiner; William Brown, geophysicist; Gerret Bryant, miner; Charles Curtis, metal miner; Frank Hruz, metallurgist; Weldon Frost, geologist; Robert Goodfellow, geophysicist; and Richard Johnson, geophysicist.

Other senior pledges include Karl Linh, refiner; Patrick McColl, refiner; Nevoy Norem, geophysicist; Robert Peterson, metallurgist; Robert Poyner, metallurgist; Vincent Rex, refiner; Norman Rowlinson, geology major, and Raymond Ruehle, geophysicist.

The Tau Beta Pi association

was founded at Lehigh university in 1885 by Edward Higginson Williams, Jr., to mark in a fitting manner the anniversary of the founding of the university.

(Continued on page 9)



Many Thanks to the Aggies

One of the most sincere gestures of friendship ever shown to this school occurred last Saturday night at the Colorado A&M-Mines football game.

The Aggie student council extended an invitation to all the members of our student council, their wives and dates, for dinner in Fort Collins before the football game. Never before had this been done, and it has helped cement the Aggie-Mines student relationship more solidly.

In the past, at sporting and social events alike, A&M and Mines have always had very friendly associations, and we sincerely hope that they will remain the same in the future.

On behalf of Peg Colthurst, the Student council, and the entire student body, **The Oredigger** extends many thanks to Colorado A&M.

Let's Use Our Heads, Miners

At the past two Mines-attended football games it has been obvious that a few groups of Miners have been doing an excessive amount of drinking. This relatively small percentage of students has brought, and will continue to bring, a bad name to Mines.

Since a school is judged by its actions, many people receive the wrong impression of the entire student body when they see drunk Miners throwing beer cans on the football field, breaking beer and whiskey bottles on concrete, and fighting in the stands.

There is a time and a place for everything, and getting drunk in the stands at a football game does not match either of these requirements. We should go to the ball games to watch and to cheer for the Orediggers; drinking should and could wait for a more opportune environment.

Save your drinking until after the game. Miners, and let's try to give other people the impression that we have a spirited student body, rather than one that is drunken, noisy, and brawlsome. This is not a lecture on tolerance or even moderation, but just a few words to awaken the common sense in the Mines student body. Use your heads at the next football game—let's start watching the play and helping the team by cheering.

More School Spirit Needed

What is the matter with our rallies?

Last Friday afternoon's Aggie rally approached a new low in both attendance and school spirit. The freshmen have shown lots of hustle at rallies and games, but the upperclassmen appear to be dead from the feet up.

We can not expect to have the football players beat their brains out against our opponents, if the school is not behind them. The team did not have a good send off Friday afternoon.

It is a known fact that Mines has one of its best football teams in years. If we can show the team, by means of rallies, that we are behind them, 100 per cent, we should bring the conference championship to Golden.

Let's all turn out Thursday night in the field house for the Western State rally, and get the team on the victory trail again. What do you say Miners? It's up to you.

MUSEUM NOTES



by J. Harlan Johnson, Curator

This writer is happy to re-commence this series of notes as they give an opportunity to acquaint the student body with the museum and to keep the students and friends of the school informed on current activities and developments in the museum.

The curator was absent from Golden from early June until September. During that time, he was working for the Pacific Geological Surveys—(Engineer Section, G.H.Q., F.E.C.), studying reefs and reef limestones in Japan, Okinawa, and the Marianas. In the course of the work, a considerable amount of material was collected which will be used in connection with graduate work in the Geology department. A few specimens will be placed on exhibit in the museum. Later in the winter, Dr. Johnson will probably give several popular lectures and show some of his photographs.

Next week—a brief statement will be presented on the purposes, functions, and activities of the museum. Later notes will discuss donations received during the summer and current museum news.

Excuses May Be Valid

If freshmen have a legal excuse for missing an event for which they should have been present, they may be excused by contacting their sponsors.

Sponsors for the five freshmen groups are Howie Wiswell, Prospector 19; Bob and Dave Wilson, Kappa Sig house; Bill Clinkenbeard, ATO house; and John Lockridge, Beta house.

DAMES DIGGINGS

by Vi Chamney and Carolyn Lindberg

Dr. and Mrs. John W. Vanderwilt's home on Sunday, September 23, was the scene of the tea for prospective members of Dames.

There was an excellent turnout for the occasion and all agreed that it was worthy of becoming a tradition. Not only was it an excuse for a party, but also a means of getting together with the new wives before initiation night.

Our thanks particularly go to Mrs. Vanderwilt, our gracious hostess, and to Mrs. Gurnett Steinhauer and Mrs. Edward Fisher, who served. The table was laden with tea cakes and cookies, the professional-looking products of our members' efforts.

Initiation will be tonight and Joyce Johnson, our social chairman, will be present to tell us about the interesting program that has been planned for this semester. Whether actives, ex-members or brides, all are invited to attend. Remember, the meeting is in Guggenheim at 7:45 p.m.

Lost and Found Established For Many Misplacing Miners

by Bob Peterson

It seems that there are two types of Miners—those who lose things, and those who find them. Investigation has revealed a possible breakdown of these types into smaller, more concrete categories.

Thus, a loser may be classed in one of four major types:

the one who loses something and doesn't know it, the person who loses something and doesn't care, the rare student who loses an article and makes an effort to find it, and finally, the guy who hasn't lost anything at all but thinks he has (e.g., the senior who thinks he has lost his marbles).

Finders Can be Classified

A finder may be classed as follows: the gentleman who, when he notices something lying on the ground, thinks that he has been led to it through divine guidance; the fellow who sees the article, and steps on it as he walks by; and lastly, the Miner who realizes that someone must belong to the object he has just found.

But regardless of how these items are lost or found, a collecting place for them has started and is flourishing in the basement of Guggenheim. This growing fund of miscellaneous equipment has been appropriately labeled "Lost and Found," and is now located in the office of the registrar. Anyone desiring to turn in something he has found may bring it to this office; and likewise, he who has lost some prized possession might find it in this office, and can have it if he is able to give the young lady sitting behind the typewriter an accurate description.

The articles which have been turned in this semester and which have not been claimed are: a wrist watch, a Parker lead pencil, an Esterbrook fountain pen, a leather jacket, a woolen checked jacket, and two books. Also included in the massive collection from previous years are pens and pencils, triangles, books, glasses, a geologic hammer, sets of keys, slide rules, and many other odds and ends.

Blue Key Gets Leftovers

Dean Burger has made the policy that if the articles have not been claimed after 60 days, the dean's office

they will be given to the Blue Key society, which will probably auction these articles back to the students.

Each week a list of the new items turned in will be printed in the Oredigger, and a similar list will be posted on the bulletin board in front of Guggenheim hall. If you are interested in finding what you have lost, or finding out what you think you have lost, you may consult one of these lists.

Letter to the Editor

Dear Stew,

First of all I want to clearly state that the complaint about to be given has no bearing on the score of the Mines-Aggie game. This complaint will also be directed to the business department of Colorado A&M.

There were many students from Mines who had dates with Aggie co-eds and consequently wanted to sit with them during the game. However, due to the prevailing mass confusion and stupidity of the business management this situation was impossible. After all, both students paid the same fee for student sections, so why couldn't they sit where they chose? Is the administration at Aggies trying to sever all social relationships with Mines or are they being just plain ornery with red tape?

I sincerely hope that this short sightedness will not occur again in the future.

—Dick Mandel

LOST BLANKET

Blankets belonging to the Miner who loaned them at the auto accident Saturday night north of Longmont can be picked up in the dean's office.

The Oredigger

COLORADO SCHOOL OF MINES

Editor	Stewart Chuber, Golden 245
Business Manager	Stewart Cecil, Golden 475-J
Assistant Editors	W. N. Lyster, A. Sabitay
Assistant Business Managers	S. P. Bickley, H. O. McLeod
Sports Editor	H. L. April
Photographers	L. Diaz, R. F. Hartmann
Cartoonist	M. A. Kline

Editorial Staff	
J. M. Anderson	H. A. Ellis
R. Banks	S. C. Holmes
L. E. Best	W. Callender
C. E. Bochow	W. Klein
J. H. Bright	A. Lipton
T. J. Ellis	L. G. Loseke
J. Prichard	J. Coulter
W. Parker	J. McDaniels
R. Joyce	

Sports Staff—W. P. Burbeau, P. D. Harricks, G. W. Mitchell, J. P. Lockridge, D. Randall, T. Rollins, W. A. Slader.

Business Staff—D. Bunn, W. G. Dutton, F. Gibson, H. Hill, M. Lesser, R. D. Ridley, H. Weckerling.

Published every week during the school year except during the one week vacation between terms and the week of Christmas vacation by students of the Colorado School of Mines. Editorial office in the Publications Building (Phone Golden 340, branch 31), P.O. Box 347.

SUBSCRIPTION RATES Entered as second class matter, February 6, 1946, at the post-office in Golden, Colorado, under the Act of March 3, 1879.

Two Semesters	\$4.00
One Semester	\$2.00

Represented by NATIONAL ADVERTISING SERVICE, INC.
College Publishers Representative
420 MADISON AVE. NEW YORK, N. Y.
CHICAGO • BOSTON • LOS ANGELES • SAN FRANCISCO

Member
Associated Collegiate Press



NO DRINKING AT BROOKS FIELD . . . Johnson Conducts Survey in Pacific

Excessive drinking was in evidence at the football game on Friday night, Sept. 14, 1951. To some extent the actions of a few not only interfered with the conduct of the game but also disturbed our patrons whose primary interest was in the game and its outcome.

Brooks field is an integral part of our physical plant and therefore is considered the same as any building on the campus. The transportation into, and the serving and consumption of alcoholic beverages on State property or in state owned facilities such as campus buildings has been prohibited for some time. Consequently, the same rules apply to Brooks field.

John W. Vanderwillt, President
M. I. Signer, Dean of Faculty
W. V. Burger, Dean of Students

Geologic survey work carried on in the Pacific area this summer by Dr. J. Harlan Johnson will benefit the Colorado School of Mines.

The geology professor has returned with a number of rare Chinese geologic survey reports, written in English to be used in both his and the school's libraries, and several hundred pounds of rock specimens.

Dr. Johnson spent six weeks in Japan and a month each in Okinawa and the Marianas, conducting a geological survey of modern reefs and ancient reef limestones. Results of the continuing survey will be published in government scientific reports.

While in the Pacific he photographed five active volcanoes and took about nine hundred Kodachrome photographs.

Pick Up Ticket Books

It was announced that all students must have tickets for admission to the football games. These activity book tickets may be obtained without cost at room 163 of the gymnasium building.

All Miners are urged to get their activity books now, and not wait until the last minute. Our next game is with Western State college, and if you want to see it, you must have your ticket at the gate.

Talent Show Material Sought For New Barroom Fantasies

by John Owings

If you can sing, dance, tell jokes, or do anything along these lines, the Mines talent show is waiting to give you a chance to display your talents.

For the second year, the Colorado School of Mines will put on an all-school talent show. Last year was the first time the school had ever undertaken such a project. Under the will be an all-Mines affair with advisorship of Professor Albert no outside talent participating. Cornish, the review, entitled "All props and equipment from 'Barroom Fantasies of 1950', was last year are still intact, and may be used again.

It is expected that this theme will prevail on an annual basis—this year's show will be "Barroom Fantasies of 1951". The comedy is under the joint chairmanship of Bill Clinkenbeard, Tom Ellis, and Harry Kent. No main problem at present is so-far as the talent show is concerned. The performance again

"It is hoped that Mines will be able, because of the talent show, to participate in the exchange set-up with other schools around here," stated Peg Colthurst, president of the student body. "Our main problem at present is so-far as the talent show is concerned. The performance again

(Continued on page 9)

SCHADE & BELL, Inc.
Authorized Dealer

GENERAL ELECTRIC APPLIANCES

Records, Radios & Combinations
SALE, SERVICE & REPAIRS

Phone 845 1118 Washington Ave.
GOLDEN, COLORADO

AUTOMOBILE INSURANCE

- Bodily Injury
- Property Damage
- Medical Payments
- Comprehensive
- Collision

NO STUDENT ENDORSEMENT NECESSARY

Burt & Banks

INC.

Insurers

Mortgage Loans

711 12th St.

Golden

Golden 203 — 561



JACK BURT

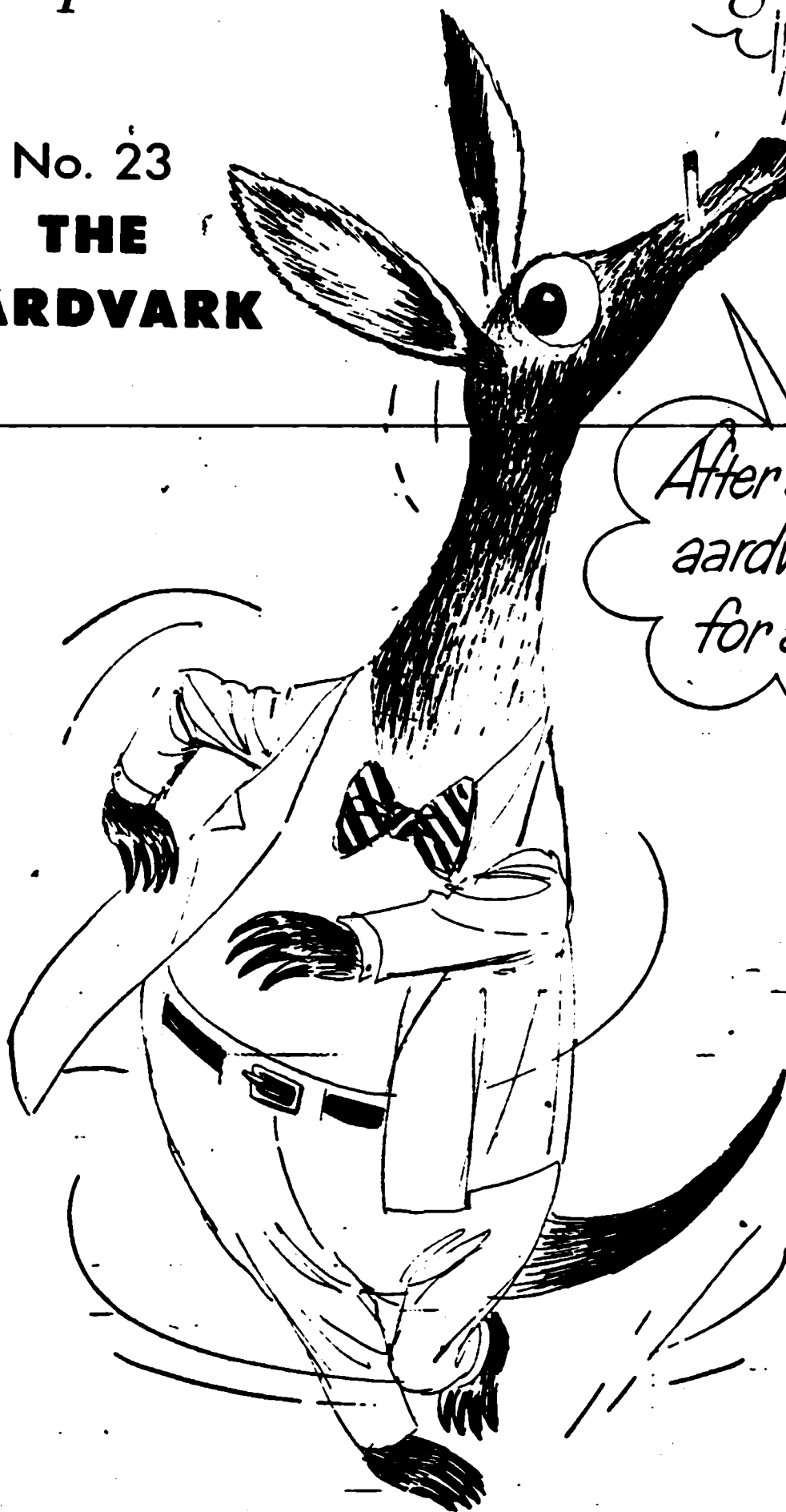


B. BANKS

Campus Interviews on Cigarette Tests

No. 23

THE AARDVARK



After all the tests...
aardvark a mile
for a Camel!

This classy campus caper-cutter got his snootful of cute cigarette tests. It didn't take him long to dig out the fact that cigarette mildness can't be determined by a mere single puff or quick-sniff experiment! Millions of smokers, on and off the campus, have discovered there's only one true test of cigarette mildness.

IT'S THE SENSIBLE TEST . . . the 30-day Camel Mildness Test, which simply asks you to try Camels as your steady smoke — on a day-after-day basis. No snap judgments. Once you've tried Camels for 30 days in your "T-Zone" (T for Throat, T for Taste), you'll see why . . .



After all the Mildness Tests —

Camel leads all other brands by billions

Glee Club Sweet Notes KCSM to Resume Broadcasts in Near Future

by Carl Bochow

Colorado School of Mines Octette, honorary Glee club service organization, held a business-dinner meeting at the Holland house last Thursday evening, September 27. After being wine and dined, the Octette settled down to serious business when Carl Bochow, president of the Octette, led a discussion of the Glee club activities for the coming year.

Ted Robinson, junior in refining, was elected to chairmanship of the "Barbershop quartet contest," and the date of this annual production was set for Wednesday, November 28. Robinson will also obtain a new cup to be given to the winning quartet, as the Barb organization won the gold loving cup for the third time last year and therefore became the permanent owners. The contest is open to all campus organizations, and the Glee club will furnish the necessary music if needed.

Harry McLeod, junior in geology, was elected as Glee club program chairman for the coming year. McLeod's job will consist of making the necessary organizational contacts and seeing that the programs come off as scheduled.

December 17 was selected as the date of the annual Christmas concert, and November 10 will mark the "Silver and Blue dance," where a newer and trickier "Mystery Melody" will test the intelligence of Miners and their dates. The identification of this tune will bring some lucky Miner a bottle of tonsil reconditioner.

The Glee club, now consisting of approximately 35 members, is still open for new members who enjoy singing. Meetings are every Monday and Wednesday afternoon at 4:10 p.m. in Guggenheim auditorium.

(Continued from page 1)
events. The station directors hope to broadcast all the Mines home games as soon as the station commences operation. One of the main points of training would be the recording of the individual's voice and then a play back of the record so that the person could examine his own voice style.

Robert Beseda, who is in charge of the announcers over KCSM, said, "I believe more men are interested in being announcers on KCSM this year than ever before." Beseda stated that the broadcasting hours may be extended from 7 p.m. to 12 p.m., one hour longer than last year's broadcasts.

Plans for the revision of the programming have been made. This year an attempt is going to be made to introduce feature programs into the music and

sports programs of previous years. There is to be no advertising on the station as the station is financed by funds given by the Mines student council. The station is not run on a commercial basis, and is only for the enjoyment of Miners and their friends.

A board of five directors are in charge of running the station, with Richard Johnson acting as chairman of the board. The directors plan to make the programs of the type that will be most interesting to the Mines men. A minimum of talk will be allowed on the disc jockey shows and matters of common interest among the Miners will be presented over the feature programs.

Although very few of last year's staff were seniors and many Miners are expected to return to the station for this year of broadcast, anyone, especially those who have an engineering knowledge of radio, interested in working on the Miners' radio station is urged to do so.

Miners Will Try Long's Peak Sat.

by Dick Banks

On belay—slack—up rope—climbing! Climbing commands and signals such as these may be heard whenever the Rope and Piton men get together for one of their weekend climbing trips.

Rope and Piton, Mines newly organized climbing club, is rapidly gaining momentum, with regular meetings and a schedule of intriguing climbs planned for the coming year. These trips will prove enjoyable for everyone, regardless of his climbing experience.

Next week end the mountaineers plan a beginner-advanced ascent of Long's peak, a spectacular 14,255 foot peak near Estes park. They will leave Golden sometime Saturday and camp at timberline at the foot of the peak that night. In the morning the climbers will arise early in order to attain the summit and return to Golden on Sunday night. Long's peak offers a challenge to both novices and experts, and those interested in the trip should attend the Mountain club meeting this Thursday at 4:20 p.m. in the Armory in order to get more information on the climb.

Other trips planned for the coming year include a non-technical climb of the Maroon Bells near Aspen, short technical (using ropes, pitons, etc.) climbs near Golden, and a ski climb of Quandry peak.

Golden Mercantile

Operated by
CLIFF & TWIG
1122 Washington Ph .630

THE ORIGINAL SERV-SELF LAUNDRY

2124 FORD Ph. 396
Essie Reed Huber, Prop.

Same Quality
Shirt Finishing

Duvall-Davison Lumber Co.

Komac Paints
Choose From 1322 Colors

HUGO BUERGER BUICK

815 WASHINGTON

SALES and SERVICE

CLEAN USED CARS

Golden Service Station

DELCO AND WILLARD BATTERIES

FIRESTONE TIRES

COMPLETE LINE OF CONOCO PRODUCTS

10th and Ford Streets Phone 94 Golden, Colo.

Winter Will Soon Be Here

HAVE CRAIG-FREDERICK
WINTERIZE YOUR CAR
NOW FOR THE FREEZING
WEATHER AHEAD.

Craig-Frederick

13th & Ford

Phone Golden 22

WENDELL G. PLUMMER JEWELER

Formerly Tierney's Gift Shop
1206 Washington Avenue
Phone Golden 44



A Hearty

WELCOME

Awaits You at

THE HOLLAND HOUSE

HOTEL CAFE COCKTAIL LOUNGE

You'll Like the Food, Service and Atmosphere
Luxuriously Furnished Hotel Rooms

"A Great Place To Go" Right Here at Home Where
Drunkness and Rowdyism Are Not Tolerated.
Where You Can Take Your Sweetheart, Family and
Friends with Pride!

We Endeavor to Maintain a Standard in Every Detail
That is Within Your Class

WE APPRECIATE YOUR BUSINESS
THANK YOU.

Send today
for your

FREE COPY

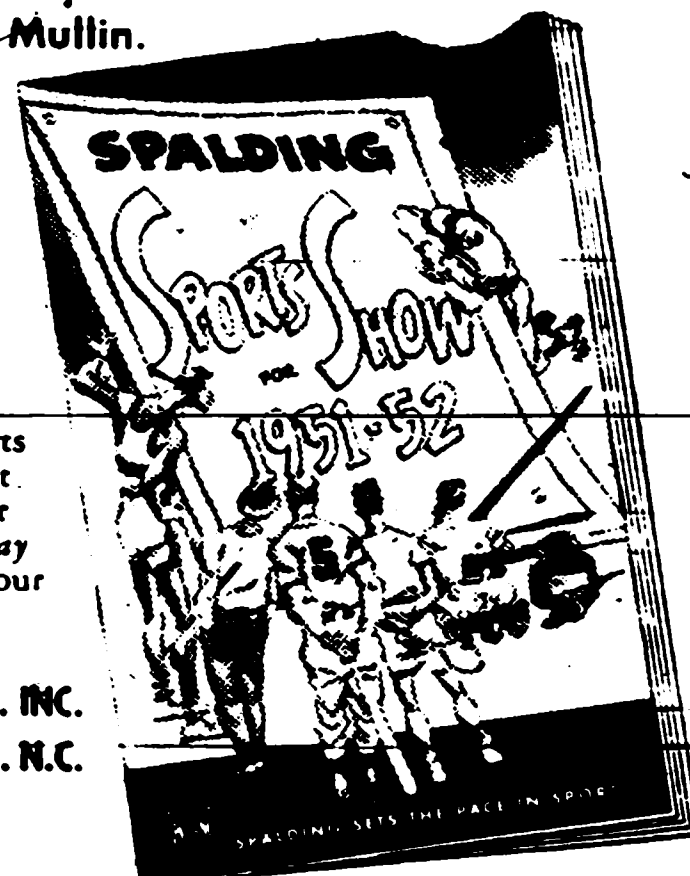
OF THE NEW

SPALDING SPORT SHOW BOOK

Alive with sports action and
gags by the famous sports
cartoonist, Willard Mullin.

Twelve pages packed
with amusing facts and
situations illustrated
in the typical humorous
Mullin style. Millions
of sports fans have
enjoyed this annual
publication of the car-
toons that have been
popular newspaper sports
page features. You don't
want to miss it! Send for
enough free copies today
to give one to each of your
group.

A. G. SPALDING & BROS. INC.
161 Sixth Avenue, Dept. N.C.
New York 13, N. Y.



Mines History Long and Interesting Prestige Built With Years Of Mineral Industry Work

by Mary E. Hoyt, Retired Librarian

Colorado School of Mines history is something more than just a chapter in American education. The history of the mining and mineral industries of Colorado is the history of the Colorado School of Mines and back of the founding of the School is a story so interesting, so broad, and so filled with romance that it is the story of Colorado itself which is characterized as the "Spirit of the West."

Back of the founding of Colorado and Colorado School of Mines lies the story of Span-

ish explorations, beginning in the sixteenth century followed by Pike's, Long's and Fremont's expeditions during the first half of the nineteenth century and finally the trappers, scouts, and gold seekers, culminating in the William Green Russell expedition in 1858 and the discoveries of gold by Jackson and Gregory. Then came the gold rush days immediately following Jackson's, Gregory's and Russell's prospecting, and Colorado, a part of Kansas territory, was on the threshold of her career. After the famous Jackson and Gregory strikes, carrying fifteen thousand people to the diggings, other discoveries were made which added to the boom of 1859. Mining and metallurgical methods were crude and costly and a few years after the original discoveries of gold real problems were encountered. The little town of Golden, nestled at the foot of Clear Creek Canon, was destined to play a leading part in the history of Colorado and in the history of mining through the Colorado School of Mines. In 1865 the Right Reverend George M. Randall, of Boston, Massachusetts, was consecrated Missionary Bishop of the Episcopal Church of Colorado. He arrived in Denver on June 11, 1866, and his first observation was the lack of higher educational facilities in Colorado.

Then but a territory and settled only since 1859. In 1866 he made plans for a university which would include a School of Mines. This university was called Jarvis Hall as the money for the building was given by Mr. George W. Jarvis of Boston, Massachusetts. The first building was erected on the present site of the State Industrial School, just south of Golden, on land presented by Mr. Charles C. Welch. On August 12, 1869, the corner stone for Jarvis Hall was laid, but on November 24, 1869, a terrific wind storm blew down the structure. Bishop Randall immediately set about to obtain more funds to rebuild. The Territorial Legislature of Colorado appreciated the efforts of Bishop Randall to found a mining school and in 1870 appropriated \$3,872.45 for a special building. In 1871 E. J. Mallett was made professor in charge. He taught assaying and simple chemical tests for ores. He tested the fuel values of Colorado coals which were at that time considered unfit for use. His tests were favorable and showed the variety and value of the Colorado product. However, it became increasingly difficult for the Episcopal Church to finance the current expenses of the School of Mines and Golden citizens realized that the Territory must assume control of the School or it would either be moved to Denver or its brief existence brought to a close.

On January 24, 1874, a bill was introduced in the Colorado Ter-

ritorial Legislature by Honorable Charles C. Welch to deed the School of Mines to the Territory. On February 9, 1874, the bill was passed and approved by Governor Elbert. This bill established the School as a territorial institution, appropriated \$5,000 for the support and named a Board of Trustees composed of prominent citizens. The first Board of Trustees met in Golden on July 6, 1874, when Honorable W. A. H. Loveland, distinguished pioneer, executive, railroad builder and empire builder was elected president and Captain E. L. Berthoud famous engineer and explorer was elected secretary.

Other members of the Board

were Nathaniel P. Hill, founder of the Argo smelter; Alpheus P. Wright of Boulder; C. C. Davis of Arapahoe; and W. W. Waare of Clear Creek County. The first catalog was prepared by Captain E. L. Berthoud and was printed by the Golden Transcript in 1874. This signaled the beginning of the Colorado School of Mines that was to take its place at the fore of Colorado educational institutions and also become the foremost school of the mineral industries in the world.

In 1876 the School passed to the control of the new State of Colorado. Gregory Board, from the Royal School of Mines, London succeeded E. J. Mallett as

Golden Nugget Tavern

BEST FOOD AND DRINKS

Open 10:00 a.m. Daily and Sunday

Clean Clothes Corral

SERV-SELF LAUNDRY

705 13th Street — Phone Golden 488

SHIRTS FINISHED

DENNIS of GOLDEN

Insurance

(AUTO - FIRE - CASUALTY)

Real Estate

ON YOUR WAY DOWN TOWN

208 13th Street

Phone Golden 14

professor in charge. On March 29, English drinking song "The Son 1878, Dr. Milton Moss succeeded of a Gambolier." We find the Gregory Board as professor in song featured on early programs charge. Dr. Moss organized the and our oldest living graduates first glee club and its programs testify that they learned it at were famous in the early days, this time. The question frequent-ly arises as to whether our song famous song The Mining Engi- "The Mining Engineer" origin-eer was adapted from the old: (Continued to page 10)



JOHNSON'S CONOCO SERVICE

"RIGHT DOWNTOWN"

FLOYD JOHNSON, Lessee & Operator

13th & Washington

Phone 147

JAFAY

IS PROUD TO BE
YOUR OFFICIAL

PROSPECTOR PHOTOGRAPHER

FOR YOUR CONVENIENCE—

Sittings taken by Mr. Jafay personally on the campus by appointment.

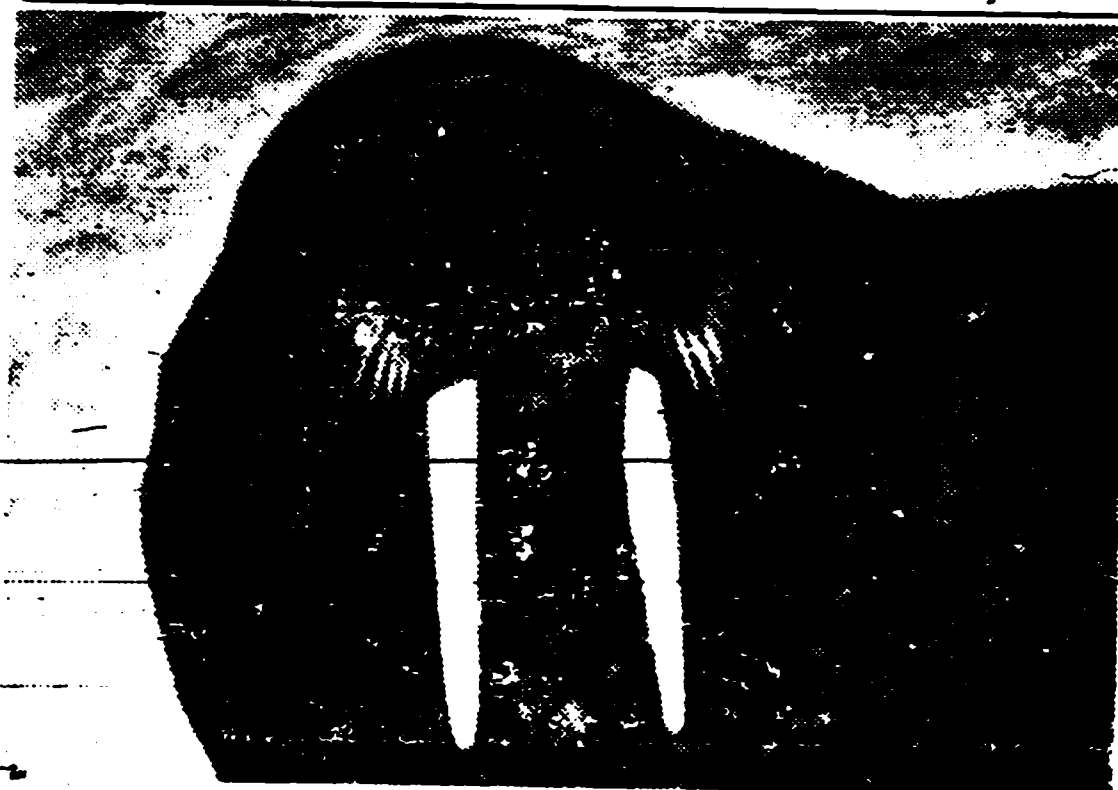
MAKE YOUR APPOINTMENT SOON

For a combination of fine portraits and your Prospector Foto—Ask for the New Jafay Packette.



Jafay

J. Paul Sheedy* Switched to Wildroot Cream-Oil
Because He Flunked The Finger-Nail Test

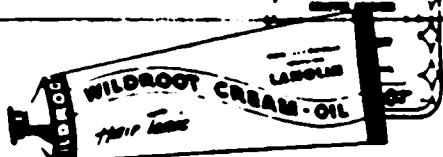


SHEEDY was a big walrus-downer. "All I ever get is the cold shoulder," he blubbered. So his roommate said: "Tusk, tusk, you old soak—try a new wrinkle on that messy hair: Wildroot Cream-Oil! Non-Alcoholic. Contains soothing Lanolin. Freeze your hair from annoying dryness and loose, ugly dandruff. Helps you pass the Finger-nail Test!" Now Sheedy's really in the swim! Just sealed his engagement to a pretty young flapper—and he's about to whisker off to an ivory-covered cottage. So water, you waiting fur? Get a tube or bottle of Wildroot Cream-Oil Hair Tonic at any drug or toilet goods counter! And ask your barber for professional applications. "Now," you'll say, "Ice sea why there's snow other hair tonic like Wildroot Cream-Oil!"



* of 131 So. Harris Hill Rd., Williamsville, N.Y.

Wildroot Company, Inc., Buffalo 11, N.Y.



Many New Styles Seen Around Mines Campus

by Dick Mandel

Did you ever see a Miner step out of the pages of Esquire clothed in the 1951 fashions? Let me show you how it's done. When a Miner gets up in the morning, the first thing he thinks is: "Do I look better in blue, brown or tweeds?" This particular Miner decides that he looks best in blue; so, without a moment's hesitation he scoops his best pair of custom-tailored Levis, (with the 1951 adhesive-tape look) off the floor, and dons them. Next he picks up his hand-made, also off the floor, Blue Bell work shirt. After buttoning one or two buttons, he is ready for his footgear. In the autumn it's wing-tip time in fall weights. The handsome styles are high-polished calf, fine tooled grains, genuine shell cordovan, or plum veal. With this in mind our Miner picks out the perfect pair of shoes. They are Oxford black with a new modern appearance, plain all over with a ten inch top and a raunchy strap across the front.

Ah, you're probably thinking I've forgotten this poor fellow's undergarments and socks. Well, this Miner is right up to date with the latest styles of the Ivy League campuses. His outer garments combine all the excellent qualities of underclothing with stiff resistant qualities of a coat of mail. It's a bit chilly out, so our Miner pulls just the right piece of warmth off the floor of his closet. This article of clothing combines the qualities of cashmere softness and of a poodle-hair pullover in what is commonly called a Purina burlap wrap-around.

Now our Miner steps back to look at himself in the mirror and

he smiles with a great sense of self satisfaction. He has embodied all the styles of 1951 in the simplest of costumes. He has rich, dark colors, easy hanging lines, a minimum of padding in the shoulders, and a slightly suppressed waistline.

Off to class.

SPLIT DRILL WILL START FOR ADVANCED CADETS

Split drill periods for students of advanced standing in ROTC will commence this year on October 11.

Sections A and B of the senior class and sections B and D of the junior class will drill at Brooks field on Tuesdays, while senior C and D and junior A and C sections are slated to march on Thursdays.

The object of the split drill is to enable more of the advanced students to participate in command of drill, and also to make more time available for class work.

Sound off, freshmen!

Petroleum Men Receive Graduate Gas Degrees

Men in the petroleum options might be interested in learning what fields some graduates in petroleum have chosen. Two Mines graduates were accepted into the Institute of Gas Technology (IGT) and have obtained graduate degrees.

Frederic Wehrle, '49, received a Master of Gas Technology degree in June 1951, after two years of study, and is now employed by the Colorado Interstate Gas Co. Willard M. Dow, also a Mines alumnus, received his doctorate from IGT in 1948 and now works with the United Gas Pipe Line Co.

The Institute of Gas Technology is the gas industry's own educational and research facility,

and is affiliated with the Illinois Institute of Technology. The present student quota is 15 new men per year.

Learn that bible, frosh!

GOLDEN CAFE and BAKERY

Decorating Party Cakes
Our Specialty!

Open 6 a.m. - 8 p.m.

WHERE OLD FRIENDS
EAT AND NEW MEET.

\$5.50 Meal Ticket for \$5.00

CLEANERS

DYERS

PARAMOUNT

Where Miners Come for Quality Work

809 12th Street

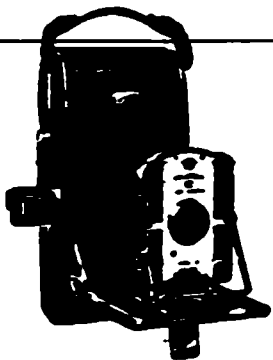
Golden 119

What a thrill

to see
your pictures
the minute
you snap them!



There's no thrill like seeing your pictures the minute you take them—with a Polaroid Land* Camera. Aim . . . snap—sixty seconds later you hold in your hand a beautiful, lasting print. Yes, it's as simple as that to use the Polaroid Camera. No liquids . . . no dark room . . . no fuss—the camera and film do all the work.



See the

POLAROID®
Picture-in-a-minute
CAMERA

\$89.75 on easy terms
if you like

FOSS DRUG CO.

for everything photographic. Service, Supplies,
and Equipment.

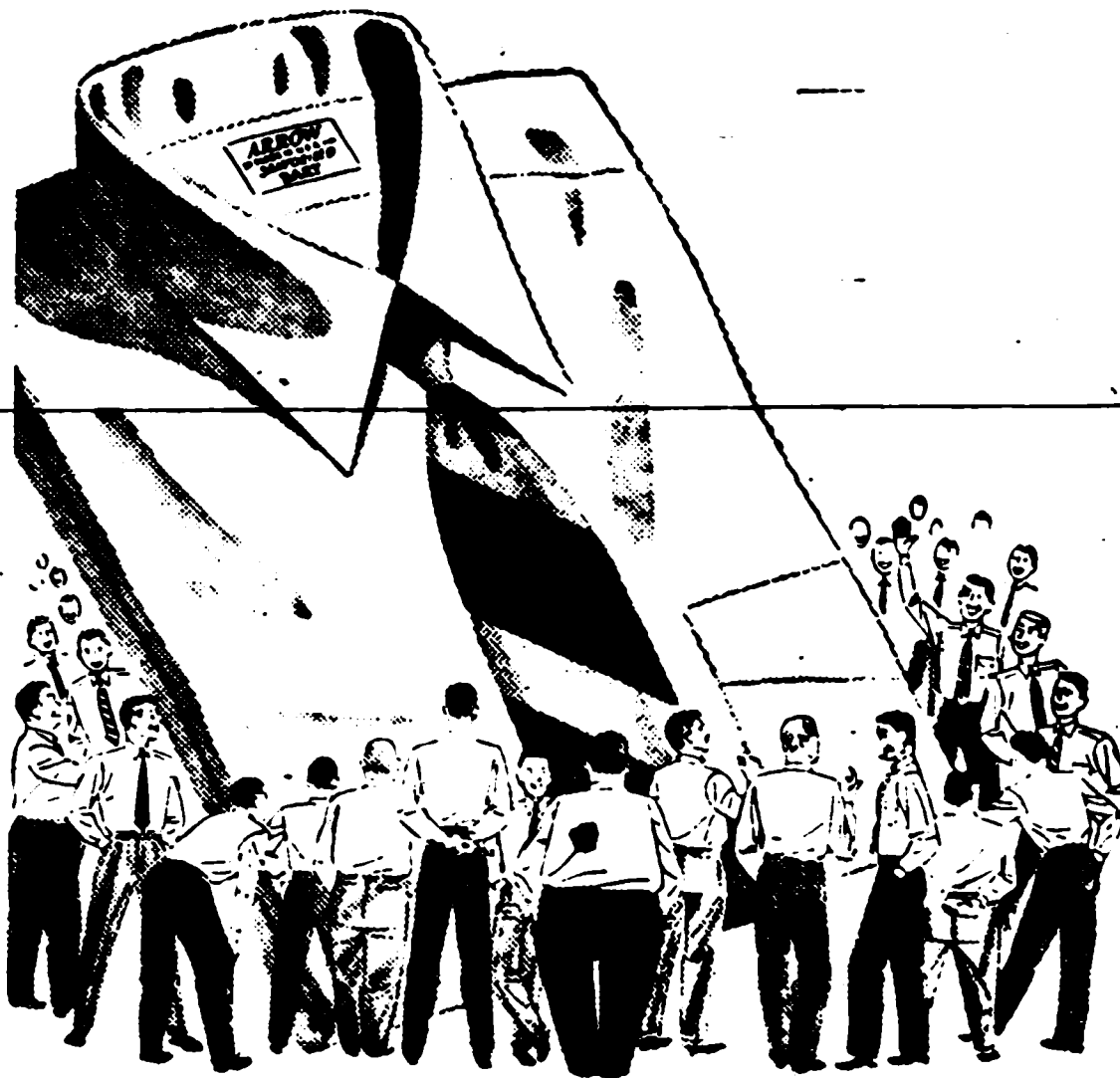
Authorized Dealers—

Kodak - Ansco - Argus - Graflex - Revere - Leica
Bell & Howell - Rollicflex

Complete stock of still, movie, and darkroom supplies
and equipment

*Named for its inventor, Dr. Edwin H. Land
Polaroid ®

Wins Every Popularity Poll!



Arrow Dart

America's Favorite

White Shirt **\$3.95**

easy on the
eyes

easy on your
neck

easy on your
budget

easy to launder

The shirt with the million dollar personality is Arrow Dart, with America's favorite medium-point, non-wilt collar! And that collar isn't all! There's fine, smooth, long-wearing broadcloth . . . the "Sanforized" label (less than 1% shrinkage) . . . famous Mitoga tailoring, an Arrow exclusive that tapers your shirt to fit your figure. Stop in and ask about Arrow Dart today!

McKeehen's

. . . the place to go for the brands you know.

GOLDEN, COLORADO

Hart Schaffner & Marx Clothes - Varsity town Clothes
Stetson Hats - Chippewa Boots - Arrow Shirts
Florsheim Shoes - Freeman Shoes - McGregor Sportswear
Albert Richard Jackets - Levis and Lees

CHUCK'S MARKET & GROCERY

1214 Wash. Golden, Colo.
C. H. Herron

REAGAN SHOE SHOP

on way to post office

717 12th St. Golden

GUS CITY TAILOR

30 Years of Service
to Miners

SPARKS

MOTOR CO.

PONTIAC GMC

13th & Jackson

Golden

BILL'S RECREATION

WHERE MINERS MEET!

Pool - Snooker - Candy

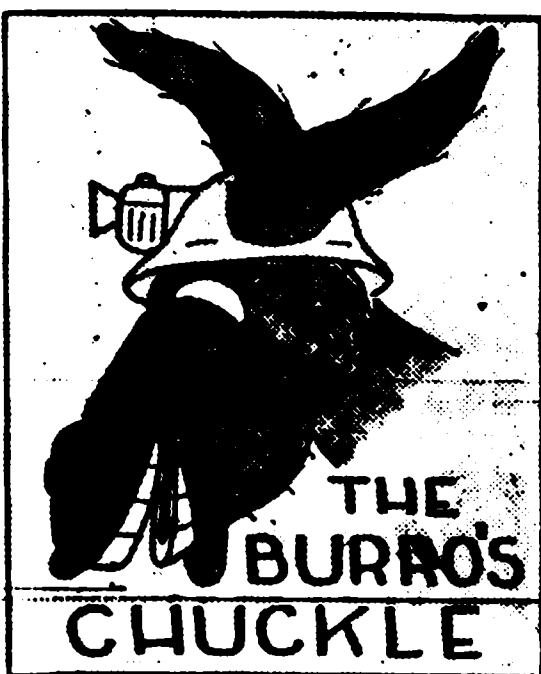
Cigars - Cigarettes

OPEN SUNDAYS

1218 1/2 Washington

(Upstairs)

Golden



Girls and golfers have the same ambition; to go around in as little as possible.

Opera is when a man gets stabbed in the back he doesn't bleed, he sings.

Miner: "Drinking makes you beautiful."

CWC-ed: "But I don't drink."

Miner: "No, but I do."

"I'll never go fishing with that man again!"

"Why, what did he do?"

"Fished."

First salesman: "I had a marvelous day; made lots of friends for the company."

Second salesman: "Me too; I didn't sell anything either."

"I'm so mad at the clerk for sending me a brassiere three sizes too small," wailed Mrs. Robast.

"Now, now, my dear," counseled her husband. "Try and pull yourself together."

A drunk walked into an elevator shaft, fell four floors to the bottom, stood up, brushed himself off, and shouted loudly: "I said up."

"Is your boy friend broad-minded?"

"Yeah, that's all he thinks about."

"On what grounds are you applying for a divorce?"

"Extravagance, your honor."

"Extravagance? How's that?"

"My wife kept on buying ice after I had installed an electric refrigerator."

IM Teams Must Register Rifle Roster by Oct. 5

All teams planning to compete in this year's intramural rifle matches are requested to register their team rosters with Col. Gray no later than October 5. This is necessary to facilitate scheduling of practice and record firing.

The armory rifle range will be opened for practice to team entrants from October 3 through October 9. Record firing will be conducted from October 10 until October 17.

Engineers are often baffled by the fact that girls with the more streamlined figures offer the most resistance.

A CU coed calls her new Miner friend "Pilgrim." Every time she goes out with him he makes progress.

Learn that bible, frosh!

'B' Squad Will Face A&M on Saturday

Mines "B" squad will open its season against the Colorado A & M "B" squad this Saturday. The Baby Blasters will play host to the Aggies at Brooks field; starting time for the game is 2 p.m. Coach Karamigios has 28 hard working men out for the squad.

A game is scheduled with Sterling Junior College on October 19. The athletic department is trying to schedule a game with Colorado State, but as yet all arrangements have not been made.

Sound off, freshmen!

M BARBER SHOP
13th & Washington
Phone Golden 714

DEFFENBAUGH'S LUMBER STORE

11th & Washington
Phone - Golden 322

For Better Living

Live Electrically

COLORADO CENTRAL POWER CO.
"The Friendly People"

NEW and USED

Furniture & Appliances

RENTAL REFRIGERATORS
Cliff Evans

GOLDEN FURNITURE COMPANY

807 13th St.

Phone 36

Kellogg's Hardware, Inc.

Phone 11- VARIETY Golden

—QUALITY HARDWARE & HOUSEWARES

— SPORTING GOODS —

— DUPONT PAINTS —

IF YOU ARE DINING OUT—

MEET THE CROWD AT

Golden's Finest Restaurant

Chicken in a basket and Steaks

dud's

Skiing Hardships Told in Poem

I think that I shall never see
A poem as lousy as a ski.
A ski that has me often pressed
Against the earths cold, snowy
breast;

A ski that goes on its own sweet
way

And teaches me to cuss and pray;

A ski that may in winter wear

My seat until beyond repair;

Upon whose hard ribs I have

lain,
And intimately lived with pain.
Poems are ruined by fools like
me,
But not as I've been by a ski.

"Young man, does your mother
know you're smoking?"

"Lady, does your husband
know you speak to strange men
on the street."

Goldendale Dairy

— Fine Dairy Products —

MILK — CREAM — BUTTER

—GD—

Delicious Malts and Sundaes

The Oasis Service Station

STANDARD OIL PRODUCTS

You can save by seeing us --

Complete Automotive Service

STUDENTS

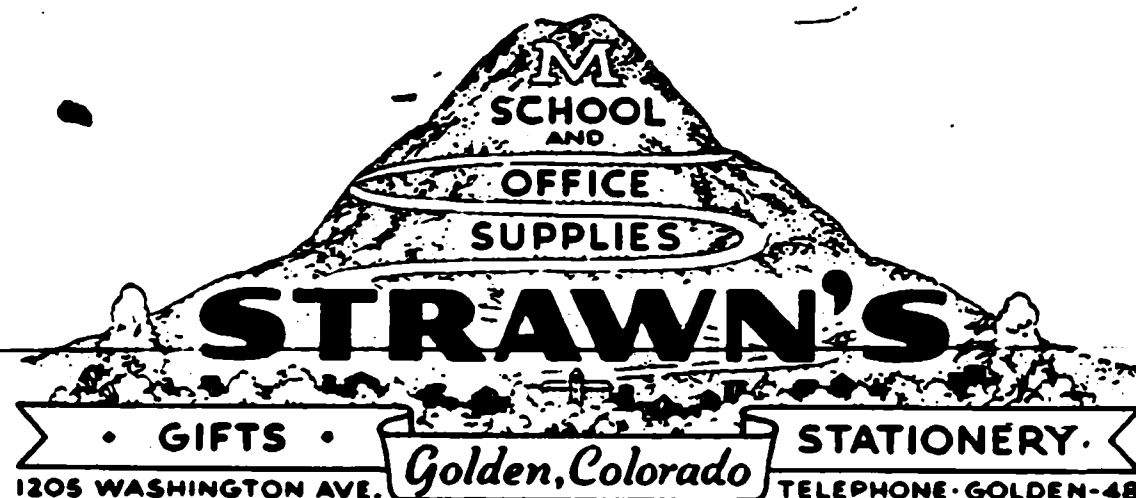
YOU NEED A TYPEWRITER FOR LEGIBLE
REPORTS AND BETTER GRADES

We'll always cooperate
with you in your buying a

**SMITH CORONA
UNDERWOOD**

See the sensational
ROYAL COMPANION
with 23
"office-typewriter"
features

Ask for
**FREE HOME
DEMONSTRATION**
Act Fast!



V. R. CROSSER
Plumbing & Heating
Phone 236

We Pay **HIGHER PRICES**
for your

USED TEXT BOOKS
and Supply Your
**CURRENT TEXT BOOK
NEEDS!**

For Less Than Half!

College Textbook Store
409 14th St., Denver
A Block from
BU Downtown Campus

**CAMPUS
SERVICE STATION**

Wholesale & Retail

GAS · OIL · FUEL OIL

1192 19th St. Golden

Phone 75

A & M Eleven Beats Orediggers 41-0

Picking the Winners

by Howard April

It's World Series time which means that I have to go out on a limb. There isn't any difficulty in picking the winner this year. I am only in doubt about the number of games, four or five, that it will take the New York Yankees to gain their third straight world championship.

The 1951 junior loop champions are not one of the great Yankee teams, but none-the-less they are a good team with good balance in pitching, fielding, and hitting. Undoubtedly this team has the strongest bench in the majors. The starting nine and the bench have been magnificently handled by Casey Stengel, who rates manager-of-the-year laurels. Stengel was ably assisted by his coaching staff which consists of Jim Turner, pitching coach; Tommy Henrich, outfield coach; Bill Dickey, mentor behind the plate; and Frankie Crossetti, infield coach.

Pitching, which at various times has been considered anywhere from 60 to 90 per cent of baseball, is the New York mainstay. The Bronx Bomber's pitching started out strong this year, and after slumping in mid-season, finished very strong. Raschi, Reynolds, and Lopat, the "Big Three" of the staff are unsurpassed in the majors, as a unit.

Vic Raschi has been a 20-game winner for the past three seasons. He is the major league leader in strikeouts, and posted a 21-10 record this year. Vic likes cool weather and most probably will start in the series opener. Everyone remembers Raschi's two-hit shutout in the series opener last year against the Phillies.

Allie Reynolds won 17 this season including two no-hitters, one against Cleveland and the other against Boston. Allie is extremely fast and would have won 20 games if he had not been plagued with arm trouble during the season. He is a money player and proved his mettle in the 1949 series against Brooklyn, with some great clutch pitching. When Allie Reynolds reaches into his hip pocket and lets go with that high hard one, the batter sees an aspirin tablet coming up to the plate. The Oklahoma Indian may break Bill Bevin's record for consecutive innings of no-hit series ball.

"Easy Eddie" Lopat, in contrast to the two fast ballers, has a wide assortment of slow stuff and excellent control. Lopat's 20-9 mark has proven that the slow tantalizing stuff is as hard to hit as the fast balls.

A rundown of the American League Champions by positions follows:

At first base, the Yanks have "Big Jawn" Mize and Jack Collins. They are fine hitters and each hits a long ball. Collins is a fine defensive first baseman and is used in the late innings of close games. When speed afoot is needed, Johnny Hopp, one of the fastest men in baseball, can be called upon.

The keystone sack is covered by Jerry Coleman and Gil McDougal, each a fine fielding second baseman. At bat Gil has been a major factor in the pennant drive batting .310 for the year. McDougal plays second base against righthanders, and third base against portsiders.

Mr. Shortstop is still the name Phil Rizzuto rates. The "Scooter" is a great fielder and gets the ball away faster than any other shortstop in the game. Little Phil is a good hitter and is the best bunter in baseball. Once on the basepaths, Rizzuto is always a threat to steal.

Dr. Bobby Brown, a fine left handed hitter, shares the hot-corner with McDougal. Brown is noted for pinch-hitting 1,000 in a World Series.

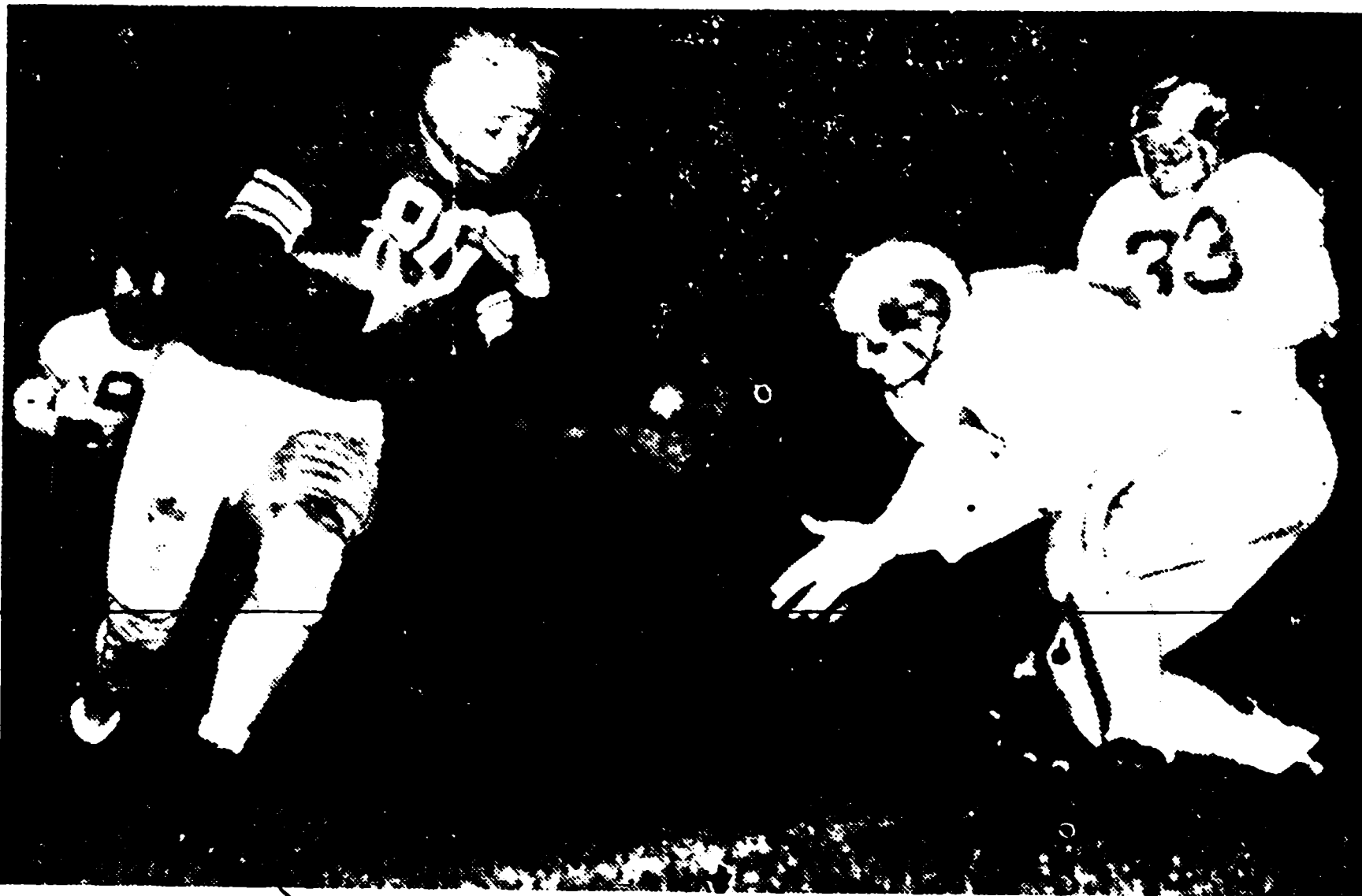
Larry Berra fills the catching bill. "Yogi" is a fine receiver, has an excellent throwing arm, and batted in 80 runs with a .295 batting average. He leads the Yanks in runs-batted-in and home runs.

Gene Woodling roams the left field pastures. He is batting .282 and is an excellent hitter, as well as a fine fielder. During the last month of the season it was Gene's bat that kept the Yankees in the pennant race.

Subbing in the outfield are Micky Mantle, sensational switch-hitting rookie, and Jackie Jensen, hard-hitting utility outfielder; each man is extremely fast and could be used as pinch runners at any time.

The New York Yankees with standout performers filling every position afield, with plenty of power at the plate, and with a pitching staff loaded with top flight talent, should win four straight over the National league pennant winners. The World Championship flag will continue to fly atop Yankee Stadium in New York.

Injured Miners Outclassed By Tough Farmer Offensive



In the Aggies game last Saturday night Ted Bergstrom catches long pass for the Oredigger eleven.

by Bill Slader

An injury-riddled Colorado Mines football team was outclassed by a fine Aggies eleven at Fort Collins last Saturday night. The offensive-minded Aggies, led by Don Burroughs and Ken Wilhelm, gained 233 yards rushing and 152 yards passing for a total offense of 385 yards. In contrast, the Miners could not get an offensive threat going and looked ineffective throughout the game.

At the start of the game both teams saw-sawed back and forth between the 30 yard stripes before the Aggie offense started to click. The Farmers pushed over their first score at 11:40 of the first period, climaxing a drive that started on their own 46 yard line. Two more Aggie touchdowns in the second quarter made the half-time score 20-0.

The Orediggers only threat came in the third period when

started at Tom Wiman. Ted Bergstrom and Ed Turner with kickoff returns had the crowd on nerves that penetrated to the Aggie's feet throughout the evening. A 37 yard line. The drive bogged down and the Farmers took a long drive to a touchdown in the third period and two in the fourth. The game ending score was Aggies 41, Mines 0.

The overall showing of the Aggie eleven would lead one to think that Wyoming may have trouble in repeating as the conference champions this year.

Statistics

	M	A
First downs	5	21
Net yards rushing	35	233
Net yards passing	77	152
Passes attempted	29	25
Passes completed	5	20
Interceptions	1	3
Punting average	40	47
Fumbles	-2	5
Fumbles lost	1	1
Yards penalized	20	90

injured late in the game and had to be carried off the field on a stretcher.

Mines offensive standout of the game was Ted Bergstrom. Wear those hats, Frosh!

WELCOME MINERS—

Remember Bouquets, Corsages
are Available Here in Golden
only at the

SON FLOWER SHOP

1218 Washington Ave.

Phone Golden 648

Turnout Very Poor For All-School Rally

Last Friday the second all-school rally of this season was held at 4 p.m. in Brooks field, sponsored by Kappa Kappa Psi.

The Sigma Nu and Sigma Phi Epsilon fraternities.

The Mines band, under the direction of Harry Kent, opened the rally with the Mining Engineer, and performed several selections for the 200 Miners present. Sigma Nu and Sigma Phi Epsilon next offered a skit depicting the training of Aggie football players, and the rally closed with a one-man motorcycle performance by Charles Hoffman.

The following men took part in the presentation of the rally: Ed Bradley, master of ceremonies; Art Davies, Ted Link, Bud Wagner, Don Van Orman, Don Millard, Al Jensen, John Darr.

A Remington Shaver

\$7.50 Allowance

ON ANY USED ELECTRIC SHAVER

GREGORY JEWELERS

PAUL S. GLENN

YOUR AUTHORIZED LONGINE - WITTMAN DEALER

IM Football Commences; Tau Bate Picks Teams Show Promise

Intramural football swept into prominence last week, and many teams showed fine promise for a close race and some exciting contests in the future.

In games played the ATOs gathered in two victories. The inexperienced Theta Chi's were romped over by the "Hairy Chested men" in the first contest, by a score of 30 to 0. The Taus then moved past Sigma Nu by a score of 28 to 13.

The Beta men, holders of the football trophy from last year, played the Kappa Sigs and defeated them by a score of 12 to 0. Passing the Betas to victory was "Big Jaw" Lockridge, who connected for many aerial yardage-gainers.

SAEs Reported Strong

This year's SAE seven is reported to be the powerhouse of the intramural league, and they have two shut outs to their credit. Both the Barb 1 and the Barb 3 teams lost to the over-coming Sig Alphas, by scores of 17-0 and 18-0, respectively. Tom McClaren loosened up his pitching arm and hit for many completions for the SAEs.

Another win was also notched by the SPE's. They squeaked by the Barb 1 squad 6-0. The Sigma Nu Seven have a 1-1 record, winning from the Barb 2 men by default, and losing to the ATO's.

Leading off on the Kappa Sig squad are Ed Roth, Dick Dimitt, Ben Root, Bud Wales, Jack Coulter, Joe Frisch, Tom Waters, and Bob and Dave Wilson.

The ATO seven has the following men to call upon: Jim Endicott, Pete Bickley, Chuck Champion, Phil Foster, Pat Thomas, Dunn Krahle, Tom Johnson, Warren Richards, Warren Andrews, Stan Holmes, Don McCall, and Pat Dennis.

Helping the Betas in their race for the victory cup for the second straight year are: Bob Beseda, John Lockridge, Paul Hinrichs, Joe Rozada, Doug Waterman, John Servatius, Ray and Bill Rughle, Don Miller, Bill Lyster.

Showmen Drag Out Hibernating Talent

Continued from page 3
Show can not go on. The time element should be no great concern because practice is mostly on an individual basis. There will be no night practice and little or no script memorization. All food and transportation will be taken care of on the trips since the Student Council is backing the review.

A main purpose of the show, "Bill Clunkenbeard," is to entertain the veterans at Fitzsimons Hospital. Last year the student body received a letter from the Red Cross at the hospital which said a part of all the acts presented the men in the wards presented the Miners' acts the

Carl Harpke, and Forrest Wood. This year the SAE squad is fortified with Mort Kline, Ed Bergen, Chester Westfall, Tom McClaren, Roger Sullivan, Ed Heath, Bill Danker, Don Wagner, and Jim Cookesly.

New men make up a large part of the SPE lineup. They are Andy Patten, Dale Barnum, Don Millard, Joe Irwin, Bruce McDonald, Tom Ryan, Don Van Orden, Larry Gardner, and Ace Davis.

The Sigma Nu squad consists of Fred Campbell, Mary Kunde, Bob Chaisson, Dave Cole, Chuck

(Continued to page 10)

Continued from page 10
The manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in the field of engineering. Another aim is to foster a spirit of liberal culture in the engineering colleges of America.

The members-elect will take the traditional pledge quiz Thursday night. Friday morning, they will lay out the bent in front of Guggenheim, and will drink the "Toast to Pluto" at this time. The "Toast to Pluto" is a time-honored tradition of the fraternity, and insures the purity of the new members. Since the man who finishes his toast last must, of necessity, be the most impure, he will be allowed to make a second toast.

The pledges will be initiated on Oct. 11, 1951, as part of the national convention of Tau Beta Pi, which will be held in Boulder, Colorado, this year.

Athletic Teams Require Good Men as Managers

by George Mitchell

Perhaps one of the most inconspicuous jobs that go into the making of an athletic team, is that of the manager. However, as strange as it may seem, his job is very important to the success of the team. That statement may sound a little exaggerated to most ardent sports fans whose attention is usually focused on the field, or perhaps, if he is a Miner, on his refreshments. Possibly a short dissertation on the duties of the manager might serve to enlighten the multitude.

The manager's job with any team requires as much if not more time than the players themselves put in over the course of a season. A sport such as football may exact as much as 20 hours each week from both players and managers alike, no small matter here at the school of many quizzes. However the advantages of such an activity far outweigh any disadvantages. By being a member of an athletic team the manager comes in contact with and gets to know a lot of men he ordinarily might know only as passing acquaintances. Sports also provide a very excellent form of relaxation and exercise which is an important part of any student's college life.

Aside from the obvious jobs of water boy and keeper of the balls, there are many other tasks which require a great deal of work. These include taping the various aching limbs of the grad-uates and supplying such odds and ends as belts, cleats, laces, and other items which are bound to break during the course of a game. Once the game is in progress, the manager must keep the players covered with their warm-up coats and add a word of encouragement here and there for a play well executed. At times he must also aid the trainer if

the situation should require it. All in all there is not much time left to the manager in which to watch the game.

One of the most attractive things about being a manager is that he gets to make the trips with the team. Because the Mines football team makes all of its long trips by air, the manager can enjoy the scenery while traveling first class.

Many sports at Mines need the services of a manager, and in some cases, such as football, two managers are needed. A few of the minor sports—tennis, skiing, and others—which have only a few men on the squad do not need managers.

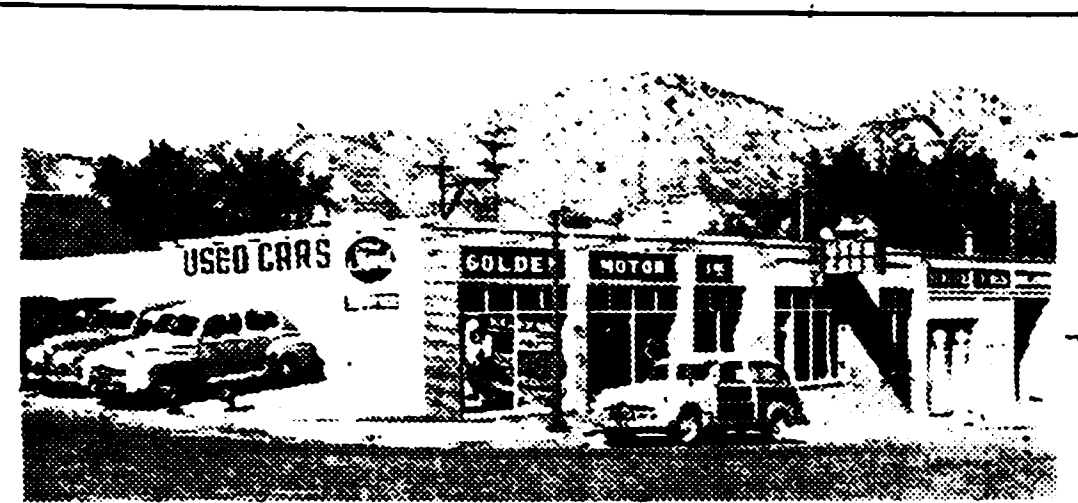
If you do not possess the athletic prowess to earn your letter on the field of play, you may gain it by managing one of the Mines teams.

Miners Will Pick Beauty Queen at Pre-game Rally

Continued from page one
attended to the audience, collected the Golden merchants, and will be awarded to the queen at her presentation during the half-time intermission of the Homecoming football game with Colorado State.

At the end of the rally, the queen will be announced and crowned by Mr. Fritz Brennecke, football coach, and will then lead the football team, and all other Miners, in a torchlight parade through the streets of Golden. Gifts for the queen and her office!

FOR QUALITY CLEANING AND PRESSING
Alterations of All Kinds—Done by Master Tailor
Tux For Rent Ladies' & Men's Tailoring
Call 727 - FASHION TAILORS - Pickup-Delivery



1942 DODGE WEAPONS CARRIER \$275.00

Good Condition

1950 WILLYS JEEPSTER \$1095.00

Radio - Heater - Overdrive

White sidewall Tires

Near New Condition

1940 FORD TUDOR—

New Tires Seat Covers - Real Sharp

1937 PLYMOUTH 4-DOOR—

1934 STUDEBAKER—

Very Cheap - Good running condition

Golden Motors, Inc.

Sales



Service

PHONE 12 or 92

LAST TIMES TONITE!

JANE RUSSELL
ROBT MITCHUM
"His Kind of Woman"
and
Chain of Circumstance

Show Times: His 6:43, 10:21.
Chain: 5:35, 9:13

Wed. - Thurs.
Would you pick up this girl... DON'T MISS
"THE PICKUP"

starring
BEVERLY MICHAELS
HUGO HAAS

A suspense packed mystery
Dane Clark - Cathy O'Donnell
Never Trust a Gambler

Show Times: Pickup 7:21,
10:29. Never Trust 6:02, 9:10



Listed Below Are The
"LUCKY TWENTY"

Winners of a pass good any time until Oct. 10. Each Miner must identify himself and pay the cashier 21c. tax.

Peter Bickley, Kenneth Meitz, Tom Ditolla, George Tarbox, Tommy Morgan, Howard Kaylor, Tom Johnson, Tom Rollins, Warren Andrews, Patrick Dennis, Loren Whitescarver, Bob Lofgren, James Russell, John Hubner, Fran Gibson, Harvey Hilvitz, Harry Weckerling, John Owens, Parks Bunn, Sam Boyle.

Fri. - Sat.

BING CROSBY
JANE WYMAN
FRANCHOT TONE

Have Their Musical Say
"HERE COMES
THE GROOM"

and
A CARTOON FEST
6 Big Color Cartoons

Show Times: Fri. Here 6:47,
9:48. Cartoon Fest 5:45, 8:46;
Sat. Here 1:15, 4:37, 7:43, 10:44
Cartoon 3:16, 6:36, 9:42.

Sun. - Mon. Tues.
JOHN WAYNE

"Flying Leathernecks"
also
SADDLER-PEP Champion-
ship FEATHERWEIGHT
FIGHTS

Save — SELF SERVICE — Money

The E-Z Way Laundry

DRY CLEANING

SHIRTS FINISHED

716 12th Street

Golden, Colorado

IM Football Begins Freshmen Voice Opinion on Agitation

(Continued from page 9)
Chapin, Bill Lang, Bob Lofgren, Carl Blazel, and Chuck Leaf.

Barbs Enter Three Teams

This year the Barbs have entered three teams in the IM league. Barb No. 1 is made up of Chuck Curtis, Ralph Anderson, Jack Cutter, Carl Bieniewski, Dick Lowery, Wes Bitzer, Rod Thomas, Floyd Amand, Bill Mac Iven, Dick Wendeborn, Russ Check, and Bart Burns.

Their No. 2 team has the following men in its lineup: Bob Metz, Frank Kelly, Dave McClure, John Harrold, Jerry Johnson, Dick Towne, and Gordon Duffy.

Men for the Barb No. 3 team are Elmo Hale, Jack Tindall, Ray Keller, Don Quam, Earl Torgenson, Ayse Personnis, Harumi Hayashi, Garth Hayes, and Bill Johnson.

A new team in the league this year, Theta Chi, has some fine material making up their football roster. They are: Dick Huston, Phinn Townsend, Jim Foster, Tom Sterrett, Lou Diaz, Hal Comfort, John Rolfe, Walt Lockridge, Lloyd Powell, Richard Ceisielski, Al Fredrickson, Jim Nienaber, and Arnold Kackman.

Making up the schedule for this week are many games which ought to prove very interesting. All teams should endeavor to make it to the games on time according to the schedule.

Games are at 3:50 and 4:40 p.m. and are listed respectively:

Oct. 2, Theta Chi vs Kappa Sigs at 4:40.

Oct. 3, ATO vs P: Kaps; Barb 1 vs Kappa Sigs.

Oct. 4, Barb 2 vs Beta at 3:50.

Oct. 8, SPE vs SAE; Theta Chi vs P: Kaps.

While walking around the campus the other day, I heard quite a discussion going on among a group of freshmen. I decided to join the small congregation and see what all the rumpus was, with the thought that perhaps they were planning a little pantsing party or a ride to Castle Rock for some sophomores. (I can dream can't I?)

However, the freshmen were discussing the good and bad points of agitation and what should be done to improve the program. There were many and varied views, but all of those present agreed that obeying the sophomores was becoming tiresome. However, every one of the freshmen thought that the agitation program was a very good idea to promote spirit, cooperation, and pride in Mines.

Of course there is always the other side of the story and this discussion was certainly no ex-

ception. Some of the freshmen said that the whole idea was just a bunch of foolishness so that the sophomores could have fun. They added quickly, though, that they supposed there had to be a certain amount of initiation at any school.

Some expressed the thought that instead of belt lines and rides for punishment, the freshmen should be punished by doing something useful for the school. One big, gangly youngster said that using force to make the freshmen cooperate won't accomplish anything in the future. After initiation the new Miners will probably drop into the "same old rut" with the rest of the upperclassmen and not attend any rallies or last practices.

Well, sophomores, there are a few things for you to think about. Every second year student can see, though, that the freshmen just love their big brothers.

COLORFUL HISTORY TELLS OF SCHOOL'S PROGRESS

(Continued from page 5)

at Mines or at Georgia School of Technology. The Georgia School of Technology was chartered in 1885 and the first instruction given was in 1888. We know that our much beloved song originated on this campus at least ten years before Georgia Tech held classes.

In 1879, the fifth of a mill tax levy was passed by the legisla-

ture for permanent support of the School. Also in 1879 the School was moved to the city of Golden and on May 29th, the Board of Trustees appropriated \$7,500 for a building, the first to be erected on the present campus on land which was contributed by the citizens of Golden. This building is still in use as the south third of the present Chemistry Building. (To be continued).

Peterson's Gulf Service

Corner 14th & Ford Streets

Phone 100

FOR PROMPT AND SMILING SERVICE
SEE TONY AND DON

A COMPLETE LINE OF
"THOSE GOOD GULF PRODUCTS"

IT'S EASIER THAN EVER!

Students! Make money writing Lucky Strike jingles!

MORE FUN, TOO!

No tricks! No gimmicks! Takes no time - no special talent! You can make \$25.

Just write a simple four-line jingle based on the fact that

LUCKIES TASTE BETTER THAN ANY OTHER CIGARETTE!

(or other qualities of Luckies such as those listed below.)

Write a Lucky Strike jingle, like those you see on this page, based on the fact that Luckies taste better than any other cigarette, or other qualities of Luckies such as those listed below. If your jingle is selected for possible use in Lucky Strike advertising, we will pay you \$25 for the right to use it and your name in our advertising. Lucky Strike jingles will soon be running in your paper. Start today—send in as many jingles as you like. Be the first to write a jingle in your school!

Before each class—and after too,
I do just what I like—
Relax—enjoy the better taste
of good ol' Lucky Strike!



Just made a great discovery—
which I announce with haste:
Folks go for Lucky Strike because
They like that better taste!



READ THESE SIMPLE INSTRUCTIONS

1. Write your Lucky Strike four-line jingle on a plain piece of paper or postcard and send it to Happy-Go-Lucky, P. O. Box 67, New York 46, N. Y. Be sure that your name, address, college and class are included—and that they are legible.

2. Base your jingle on the fact that Luckies taste better than any other cigarette—or on any of the alternate themes below.

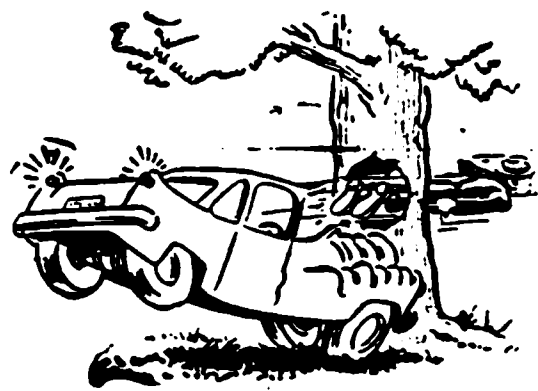
3. Every student of any college, university or post graduate school may submit jingles.

IMPORTANT:

To make money writing jingles, it is not essential to base your jingle on "Luckies taste better than any other cigarette." You may base a jingle on other outstanding qualities of Luckies such as the following:

LS MFT
Lucky Strike Means Fine Tobacco
Be Happy—Go Lucky!
So round, so firm, so fully packed
So free and easy on the draw
Buy Luckies by the carton
Luckies give you deep-down smoking enjoyment
Luckies are the world's best-made cigarette

**METROPOLITAN
BARBER SHOP**
TEL. 788



Flying the Coupe?

PAYING for repairs to your car and for damage to property to others won't be easy, either.

Your best bet against such a financial crash is to have Comprehensive and Collision Insurance on your car.

Ask us about it today:

**BURT and BANKS
INC.**

**MORTGAGE LOANS
INSURORS**

711 12th Street
Golden, Colorado
Phones 203 & 561

L.S./M.F.T.-Lucky Strike Means Fine Tobacco